

About one-third of the volume is devoted to a discussion by Dr. E. WIRTH of the ecological aspects of the vegetation, and this is illustrated by unusually fine figures and 10 plates (half-tones and photogravures), showing the formations and some individual plants. The annual course of vegetation on Kerguelen is also treated at some length.—C. R. B.

**Errera Botanical Institute.**—There has come to hand the second volume of papers from this institute, two volumes of which, published earlier, were noticed in this journal recently.<sup>5</sup> This volume<sup>6</sup> contains several papers on nitrates and ammoniacal salts, especially in relation to yeasts and other fungi and to root-tubercles, by LAURENT and by MARCHAL; some brief notes on microscopical and bacteriological technique by ERRERA and DE WEVRE; a considerable number of papers on the occurrence, localization, and significance of alkaloids in plants by ERRERA, CLAUTRIAU, MAISTRIAU, MOLLE, DE WEVRE, DE WILDEMAN and DE DROOG; several papers on proteids by ERRERA, MARCHAL, CLAUTRIAU, and DE WEVRE. All these papers have been published before, dating from 1881 to 1904, but mostly between 1888 and 1895. The volume closes with an annotated bibliography (41 pages) on alkaloids, glucosides, and tannins, etc., brought together by ERRERA and not previously published.—C. R. B.

**British vascular plants.**—Messrs. JAMES BRITTEN and A. B. RENDLE have compiled a list of British seed-plants and ferns<sup>7</sup> in accordance with the international rules of nomenclature adopted by the Vienna Congress. The list is most timely and will prove a great convenience to students of the British flora. The British systematists are now in a condition of most enviable uniformity as to nomenclature, evidently having taken part in the Vienna Congress in the expectation of abiding by its decisions, and giving up, for the sake of harmony, even so cherished a custom as using the specific name first employed in the genus accepted. If our own flora were not so extensive, and if our own systematists were content to waive individual opinions that did not happen to be accepted by the Congress, such a working-list might be prepared for this country.—J. M. C.

### NOTES FOR STUDENTS

**Items of taxonomic interest.**—L. M. UNDERWOOD (Bull. Torr. Bot. Club 33: 591-605. 1906) has revised the American species of *Stenochlaena*, 12 being recognized and 3 new ones described.—W. H. BLANCHARD (Torreya 7: 7, 8. 1907) has described a new *Rubus* (blackberry) from Mass. and R. I.—A. W. EVANS (Bryologist 10: 24-30. 1907) discusses and approves the reasons assigned by

<sup>5</sup> BOT. GAZETTE 43: 215. 1907.

<sup>6</sup> Recueil de l'Institut Botanique (Université de Bruxelles) publié par L. ERRERA. Tome II. Imp. 8vo. pp. xii+415. pls. 4. figs. 3. Bruxelles: Henri Lamertin. 1906. fr. 20.

<sup>7</sup> List of British seed-plants and ferns. Department of Botany, British Museum (Natural History). pp. 40. Published by the Trustees of the British Museum. 4d.